

Environmental Protection Agency

§ 421.256

NSPS FOR THE PRIMARY PRECIOUS METALS AND MERCURY SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly aver- age |
|---------------------------------|--|-------------------------------------|
| | mg/kg (pounds per million pounds) of mercury con- densed | |
| Lead | 4.928 | 2.288 |
| Mercury | 2.640 | 1.056 |
| Silver | 5.104 | 2.112 |
| Zinc | 17.950 | 7.392 |
| Gold | 1.760 | |
| Oil and Grease | 176.000 | 176.000 |
| Total suspended solids | 264.000 | 211.200 |
| pH | (¹) | (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

(g) Calciner stack gas contract cool-
ing water.

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| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly aver- age |
|---------------------------------|--|-------------------------------------|
| | mg/kg (pounds per million pounds) or mercury con- densed | |
| Lead | 1.162 | 0.540 |
| Mercury | 0.623 | 0.249 |
| Silver | 1.204 | 0.498 |
| Zinc | 4.233 | 1.743 |
| Gold | 0.415 | |
| Oil and Grease | 41.500 | 41.500 |
| Total suspended solids | 62.250 | 49.800 |
| pH | (¹) | (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

(h) Condenser blowdown.

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|---------------------------------|--|-------------------------------------|
| | mg/kg (pounds per million pounds) of mercury con- densed | |
| Lead | 3.864 | 1.794 |
| Mercury | 2.070 | 0.828 |
| Silver | 4.002 | 1.656 |
| Zinc | 14.080 | 5.796 |
| Gold | 1.380 | |
| Oil and Grease | 138.000 | 138.000 |
| Total suspended solids | 207.000 | 165.600 |
| pH | (¹) | (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

(i) Mercury cleaning bath water.

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|---------------------------------|--|-------------------------------------|
| | mg/kg (pounds per million pounds) of Mercury con- densed | |
| Lead | 0.392 | 0.182 |
| Mercury | 0.210 | 0.084 |
| Silver | 0.406 | 0.168 |
| Zinc | 1.428 | 0.588 |
| Gold | 0.140 | |
| Oil and Grease | 14.000 | 14.000 |
| Total suspended solids | 21.000 | 16.800 |
| pH | (¹) | (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

[50 FR 38361, Sept. 20, 1985; 50 FR 41144, Oct.
9, 1985]

§ 421.255 [Reserved]

§ 421.256 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7,
any new source subject to this subpart
which introduces pollutants into a pub-
licly owned treatment works must
comply with 40 CFR part 403 and
achieve the following pretreatment
standards for new sources. The mass of
wastewater pollutants in primary pre-
cious metals and mercury process
wastewater introduced into a POTW
shall not exceed the following values:

(a) Smelter wet air pollution control.

PSNS FOR THE PRIMARY PRECIOUS METALS AND MERCURY SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly aver- age |
|---------------------------------|---|-------------------------------------|
| | mg/troy ounce of gold and silver smelted | |
| Lead | 0.364 | 0.169 |
| Mercury | 0.195 | 0.078 |
| Silver | 0.377 | 0.156 |
| Zinc | 1.326 | 0.546 |
| Gold | 0.130 | |

(b) Silver chloride reduction spent
solution.